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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A composition comprising:

one or more anti-CD74 antibodies or antigen-binding fragments thereof reactive with the epitope of CD74 to which the LL1 antibody binds;

wherein the anti-CD74 antibodies or antigen-binding fragments thereof are covalently bound to the PEG component of a PEG-lipid conjugate incorporated into a liposome;

wherein one or more effectors are incorporated into the liposome in unmodified active form, or covalently bound to the lipid component of the liposome, or covalently bound to the PEG component of the liposome;

wherein said anti-CD74 antibodies are chimeric, human or humanized; and

wherein the anti-CD74 antibody or antigen-binding fragment thereof is an anti-CD74 diabody, a triabody, of a tetrabody or an scFv.

2-8. (canceled)

9. (previously presented) The composition of claim 1, wherein the one or more anti-CD74 antibodies or antigen-binding fragments thereof are conjugated to the liposome by one or more of a sulfide linkage, a hydrazone linkage, a hydrazine linkage, an ester linkage, an amido linkage, an amino linkage, a thiosemicarbazone linkage, a semicarbazone linkage, an oxime linkage, a carbon-carbon linkage, or combinations thereof.

10. (previously presented) The composition of claim 9, wherein the anti-CD74 antibodies or antigen-binding fragments thereof are conjugated to the liposome by a sulfide linkage.

11. (previously presented) The composition of claim 1, further comprising one or more additional antibodies or antigen-binding fragments which specifically bind to one or more antigens selected from the group consisting of CD14, CD15, CD19, CD20, CD21, CD22, CD23, CD25, CD30, CD33,

CD37, CD38, CD40, CD46, CD52, CD54, CD80, CD126, B7, Ia, HM1.24, IL-6 and combinations thereof.

- 12. (previously presented) The composition of claim 11, wherein the additional antibodies or antigen-binding fragments thereof are covalently bound to the PEG component of a PEG-lipid conjugate incorporated into a liposome.
- 13. (previously presented) The composition of claim 1, wherein the lipid component of the PEG-lipid conjugate is amphiphilic.
- 14. (previously presented) The composition of claim 1, wherein the lipid component of the PEG-lipid conjugate comprises one or more nucleophilic carbons at a distal terminus.
- 15. (previously presented) The composition of claim 1, wherein the lipid component of the PEG-lipid conjugate comprises one or more maleimide groups at a distal terminus.
- 16. (previously presented) The composition of claim 15, wherein the lipid component of the PEG-lipid conjugate comprises maleimide.
- 17. (previously presented) The composition of claim 15, wherein one or more of the anti-CD74 antibodies or antigen-binding fragments thereof are linked to one or more of the maleimide groups.
- 18. (previously presented) The composition of claim 15, wherein one or more of the anti-CD74 antibodies or antigen-binding fragments thereof are linked by one or more free thiol groups to one or more of the maleimide groups.
- 19. (canceled)
- 20. (previously presented) The composition of claim 1, wherein the effector comprises a therapeutic agent or a diagnostic agent.
- 21. (previously presented) The composition of claim 1, wherein the effector comprises a drug, a prodrug, a toxin, an enzyme, a radioisotope, an immunomodulator, a cytokine, an antibody or antigen-binding fragment thereof, an oligonucleotide, a photodynamic agent, or mixtures thereof.

22. (canceled)

- 23. (previously presented) The composition of claim 21, wherein the effector comprises FUdR, FUdR-dO, or mixtures thereof.
- 24. (previously presented) The composition of claim 1, further comprising one or more hard acid chelators or soft acid chelators.
- 25. (previously presented) The composition of claim 1, further comprising cations selected from Group II, Group IV, Group V, transition, lanthanide or actinide metal cations, or mixtures thereof.
- 26. (previously presented) The composition of claim 1, further comprising cations selected from Tc, Re, Bi, Cu, As, Ag, Au, At, Pb, or mixtures thereof.
- 27. (previously presented) The composition of claim 1, further comprising NOTA, DOTA, DTPA, TETA, Tscg-Cys, Tsca-Cys, or mixtures thereof.
- 28. (previously presented) The composition of claim 1, wherein the effector comprises a radionuclide.
- 29. (previously presented) The composition of claim 28, wherein the radionuclide comprises 18F, 32P, 33P, 45Ti, 47Sc, 52Fe, 59Fe, 62Cu, 64Cu, 67Cu, 67Ga, 68Ga, 75Se, 77As, 86Y, 89Sr, 89Zr, 90Y, 94Tc, 94mTc, 99Mo, 99mTc, 105Pd, 105Rh, 111Ag, 111In, 123I, 124I, 125I, 131I, 142Pr, 143Pr, 149Pm, 153Sm, 154-158Gd, 161Tb, 166Dy, 166Ho, 169Er, 175Lu, 177Lu, 186Re, 188Re, 189Re, 194Ir, 198Au, 199Au, 211At, 211Pb 212Bi, 212Pb, 213Bi, 223Ra, 225Ac, or mixtures thereof.
- 30. (previously presented) The composition of claim 1, wherein the effector comprises an enzyme.
- 31. (previously presented) The composition of claim 30, wherein the enzyme is selected from the group consisting of a carboxylesterase, a glucoronidase, a carboxypeptidase, a beta-lactamase, a phosphatase, and mixtures thereof.
- 32. (previously presented) The composition of claim 1, wherein the effector comprises an immunomodulator.

- 33. (previously presented) The composition of claim 32, wherein the immunomodulator is selected from the group consisting of IL-1, IL-2, IL-3, IL-6, IL-10, IL-12, IL-18, IL-21, interferon-α, interferon-β, interferon-γ, G-CSF, GM-CSF, and mixtures thereof.
- 34. (previously presented) The composition of claim 1, wherein the effector comprises an antiangiogenic agent selected from the group consisting of angiostatin, endostatin, basculostatin, canstatin, maspin, an anti-VEGF binding molecule, an anti-placental growth factor binding molecule, an anti-vascular growth factor binding molecule, and mixtures thereof.
- 35. (previously presented) The composition of claim 1, wherein the anti-CD74 antibody or antigenbinding fragment thereof is conjugated to one or more therapeutic agents, diagnostic agents, or mixtures thereof.

36-37. (canceled)

- 38. (currently amended) The composition of claim 1, wherein the anti-CD74 antibody or antigenbinding fragment thereof comprises \pm a fragment which comprises \pm F(ab')₂, Fab, seFv, Fv, or a fusion protein-comprising F(ab')₂, Fab, seFv, or Fv; and wherein the fragment binds to CD74.
- 39. (previously presented) The composition of claim 38, wherein the fusion protein is multivalent.

40-41. (canceled)

42. (withdrawn, currently amended) A method for treating a disease or disorder comprising administering to a patient a therapeutic composition comprising one or more anti-CD74 antibodies or antigen-binding fragments thereof reactive with the epitope of CD74 to which the LL1 antibody binds

wherein the anti-CD74 antibodies or antigen-binding fragments thereof are covalently bound to the PEG component of a PEG-lipid conjugate incorporated into a liposome;

wherein one or more effectors are incorporated into the liposome in unmodified active form, or covalently bound to the lipid component of the liposome, or covalently bound to the PEG component of the liposome;

wherein said anti-CD74 antibodies are chimeric, human or humanized; and

wherein the anti-CD74 antibody or antigen-binding fragment thereof is an anti-CD74 diabody, a triabody, or an scFv, and a pharmaceutically acceptable excipient.

- 43. (withdrawn) The method of claim 42, wherein the disease or disorder is a CD74-expressing malignancy.
- 44. (withdrawn) The method of claim 42, wherein the disease or disorder is selected from the group consisting of an immune dysregulation disease, an autoimmune disease, an organ-graft rejection, and a graft-versus-host disease.
- 45. (withdrawn) The method of claim 43, wherein the CD74-expressing malignancy is selected from the group consisting of a solid tumor, non-Hodgkin's lymphoma, Hodgkin's lymphoma, multiple myeloma, a B-cell malignancy, and a T-cell malignancy.
- 46. (withdrawn) The method of claim 42, wherein the disease or disorder is a CD74-expressing malignancy other than lymphoma or leukemia.
- 47. (withdrawn) The method of claim 43, wherein the CD74-expressing malignancy is a solid tumor.
- 48. (withdrawn) The method of claim 47, wherein the solid tumor is selected from the group consisting of a melanoma, carcinoma, sarcoma, and glioma.
- 49. (withdrawn) The method of claim 48, wherein the carcinoma is selected from the group consisting of a renal carcinoma, lung carcinoma, intestinal carcinoma, stomach carcinoma, breast carcinoma, prostate cancer, ovarian cancer, and melanoma.
- 50. (withdrawn) The method of claim 43, wherein the CD74-expressing malignancy is a B-cell malignancy selected from the group consisting of indolent forms of B-cell lymphomas, aggressive forms of B-cell lymphomas, chronic lymphatic leukemias, acute lymphatic leukemias, and multiple myeloma.

- 51. (withdrawn) The method of claim 42, wherein the composition is administered intravenously or intramuscularly at a dose of 20-5000 mg.
- 52. (withdrawn) The method of claim 42, wherein the composition comprises LL1, or a fragment thereof.
- 53. (withdrawn) The method of claim 42, wherein the composition further comprises one or more additional antibodies or fragments thereof selected from the group consisting of anti-CD19, anti-CD20, anti-CD22, anti-CD30, anti-CD33, anti-CD52, anti-HLA-DR, anti-MUC1, anti-TAC, and mixtures thereof.
- 54. (withdrawn, currently amended) The method of claim <u>5343</u>, wherein one or more of the additional antibodies are conjugated to one or more of the lipids, polymeric carriers, micelles, nanoparticles, or combinations thereof.
- 55. (withdrawn) The method of claim 42, wherein the effector molecule comprises one or more drugs, prodrugs, toxins, enzymes, radioisotopes, immunomodulators, cytokines, hormones, antibodies, oligonucleotides, or combinations thereof.
- 56. (canceled)
- 57. (withdrawn) The method of claim 42, wherein the effector comprises FUdR, FUdR-dO, or mixtures thereof.
- 58. (withdrawn) The method of claim 42, wherein the composition further comprises one or more hard acid chelators or soft acid chelators.
- 59. (withdrawn) The method of claim 42, wherein the composition further comprises cations selected from Group II, Group IV, Group V, transition, lanthanide or actinide metal cations, or mixtures thereof.
- 60. (withdrawn) The method of claim 42, wherein the composition further comprises cations selected from Tc, Re, Bi, Cu, As, Ag, Au, At, Pb, or mixtures thereof.

- 61. (withdrawn) The method of claim 42, wherein the composition further comprises NOTA, DOTA, DTPA, TETA, Tscg-Cys, Tsca-Cys, or mixtures thereof.
- 62. (withdrawn) The method of claim 42, wherein the composition comprises a radionuclide.
- 63. (withdrawn) The method of claim 62, wherein the radionuclide comprises 18F, 32P, 33P, 45Ti, 47Sc, 52Fe, 59Fe, 62Cu, 64Cu, 67Cu, 67Ga, 68Ga, 75Se, 77As, 89Y, 89Sr, 89Zr, 90Y, 94Tc, 94mTc, 99Mo, 99mTc, 105Pd, 105Rh, 111Ag, 111In, 123I, 124I, 125I, 131I, 142Pr, 143Pr, 149Pm, 153Sm, 154-158Gd, 161Tb, 166Dy, 166Ho, 166Ho, 169Er, 175Lu, 177Lu, 186Re, 188Re, 189Re, 194Ir, 198Au, 199Au, 211At, 211Pb 212Bi, 212Pb, 213Bi, 223Ra, 225Ac, or mixtures thereof.
- 64. (withdrawn) The method of claim 62, wherein the composition comprises an enzyme.
- 65. (withdrawn) The method of claim 64, wherein the enzyme comprises carboxylesterases, glucoronidases, carboxypeptidases, beta-lactamases, phosphatases, or mixtures thereof.
- 66. (withdrawn) The method of claim 62, wherein the composition comprises an immunomodulator.
- 67. (withdrawn) The method of claim 66, wherein the immunomodulator comprises IL-1, IL-2, IL-3, IL-6, IL-10, IL-12, IL-18, IL-21, interferon-α, interferon-β, interferon-γ, G-CSF, GM-CSF, or mixtures thereof.
- 68. (withdrawn) The method of claim 42, wherein the composition comprises one or more agents for photodynamic therapy.
- 69. (withdrawn) The method of claim 68, wherein the agent for photodynamic therapy is a photosensitizer.
- 70. (withdrawn) The method of claim 69, wherein the photosensitizer comprises a benzoporphyrin monoacid ring A (BDP-MA), tin etiopurpurin (SnET2), sulfonated aluminum phthalocyanine (AISPc) or lutetium texaphyrin (Lutex).
- 71. (withdrawn) The method of claim 42, wherein the composition comprises one or more diagnostic agents.

- 72. (withdrawn) The method of claim 42, wherein the composition comprises a diagnostic radionuclide.
- 73. (withdrawn) The method of claim 72, wherein the diagnostic radionuclide comprises 18F, 52Fe, 62Cu, 64Cu, 67Cu, 67Ga, 68Ga, 86Y, 89Zr, 94Tc, 94mTc, 94mTc, 99mTc, 111In, 123I, 124I, 125I, 131I, or mixtures thereof.
- 74. (withdrawn) The method of claim 73, wherein the diagnostic radionuclide emits 25-4000 keV gamma particles and/or positrons.
- 75. (withdrawn, currently amended) The method of claim 71, wherein the diagnostic agent is used for performing positron emission tomography (PET).
- 76. (withdrawn) The method of claim 42, further comprising performing positron-emission tomography (PET).
- 77. (withdrawn) The method of claim 71, wherein the diagnostic agent comprises one or more image enhancing agents and the method further comprises performing magnetic resonance imaging (MRI).
- 78. (withdrawn) The method of claim 77, wherein the image enhancing agent comprises gadolinium ions, lanthanum ions, manganese ions, iron, chromium, copper, cobalt, nickel, fluorine, dysprosium, rhenium, europium, terbium, holmium, neodymium, or mixtures thereof.
- 79. (withdrawn) The method of claim 42, wherein the composition comprises one or more radiopaque agents or contrast agents for X-ray or computed tomography (CT).
- 80. (withdrawn) The method of claim 42, wherein said radiopaque or contrast agents are selected from the group consisting of barium, diatrizoate, ethiodized oil, gallium citrate, iocarmic acid, iocetamic acid, iodamide, iodipamide, iodoxamic acid, iogulamide, iohexol, iopamidol, iopanoic acid, ioprocemic acid, iosefamic acid, ioseric acid, iosulamide meglumine, iosemetic acid, iotasul, iotetric acid, iothalamic acid, iotroxic acid, ioxaglic acid, ioxotrizoic acid, ipodate, meglumine, metrizamide, metrizoate, propyliodone, thallous chloride, or combinations thereof.

- 81. (withdrawn) The method of claim 42, wherein the composition comprises one or more ultrasound contrast agents.
- 82. (withdrawn) The method of claim 81, wherein said ultrasound contrast agent includes a liposome or dextran.
- 83. (withdrawn) The method of claim 82, wherein the liposome is gas-filled.
- 84. (withdrawn) The method of claim 42, further comprising performing an operative, intravascular, laparoscopic, or endoscopic procedure.
- 85. (withdrawn) The method of claim 42, further comprising administering an additional composition which comprises a therapeutic agent, a diagnostic agent, or mixtures thereof.
- 86. (withdrawn, currently amended) The method claim 42, wherein the additional composition <u>further</u> comprises: an immunoconjugate which comprises one or more anti-CD74 antibodies or antigen-binding fragments thereof conjugated to one or more lipids, polymeric carriers, micelles, nanoparticles, or combinations thereof; and one or more effectors.
- 87. (canceled)
- 88. (withdrawn) The method of claim 85, wherein the composition is administered before, during, simultaneously, or after the administration of the additional composition.
- 89. (withdrawn) The method of claim 85, wherein the additional composition comprises one or more drugs, prodrugs, toxins, enzymes, radioisotopes, immunomodulators, cytokines, hormones, antibodies, oligonucleotides, or combinations thereof.
- 90. (canceled)
- 91. (withdrawn) The method of claim 89, wherein the additional composition comprises FUdR, FUdR-dO, or mixtures thereof.
- 92. (withdrawn) The method of claim 85, wherein the additional composition comprises one or more hard acid chelators or soft acid chelators.

- 93. (withdrawn) The method of claim 85, wherein the additional composition comprises cations selected from Group II, Group IV, Group V, transition, lanthanide or actinide metal cations, or mixtures thereof.
- 94. (withdrawn) The method of claim 85, wherein the additional composition comprises cations selected from Tc, Re, Bi, Cu, As, Ag, Au, At, Pb, or mixtures thereof.
- 95. (withdrawn) The method of claim 85, wherein the additional composition comprises NOTA, DOTA, DTPA, TETA, Tscg-Cys, Tsca-Cys, or mixtures thereof.
- 96. (withdrawn) The method of claim 85, wherein the additional composition comprises a radionuclide.
- 97. (withdrawn) The method of claim 96, wherein the radionuclide comprises 18F, 32P, 33P, 45Ti, 47Sc, 52Fe, 59Fe, 62Cu, 64Cu, 67Cu, 67Ga, 68Ga, 75Se, 77As, 86Y, 89Sr, 89Zr, 90Y, 94Tc, 94mTc, 99Mo, 99mTc, 105Pd, 105Rh, 111Ag, 111In, 123I, 124I, 125I, 131I, 142Pr, 143Pr, 149Pm, 153Sm, 154-158Gd, 161Tb, 166Dy, 166Ho, 169Er, 175Lu, 177Lu, 186Re, 188Re, 189Re, 194Ir, 198Au, 199Au, 211At, 211Pb 212Bi, 212Pb, 213Bi, 223Ra, 225Ac, or mixtures thereof.
- 98. (withdrawn) The method of claim 85, wherein the additional composition comprises an enzyme.
- 99. (withdrawn) The method of claim 85, wherein the enzyme comprises carboxylesterases, glucoronidases, carboxypeptidases, beta-lactamases, phosphatases, or mixtures thereof.
- 100. (withdrawn) The method of claim 85, wherein the additional composition comprises an immunomodulator.
- 101. (withdrawn) The method of claim 100, wherein the immunomodulator comprises IL-1, IL-2, IL-3, IL-6, IL-10, IL-12, IL-18, IL-21, interferon-α, interferon-β, interferon-γ, G-CSF, GM-CSF, or mixtures thereof.
- 102. (withdrawn) The method of claim 85, wherein the additional composition comprises one or more diagnostic agents.

- 103. (withdrawn) The method of claim 85, wherein the additional composition comprises one or more agents for photodynamic therapy.
- 104. (withdrawn) The method of claim 103, wherein the agent for photodynamic therapy is a photosensitizer.
- 105. (withdrawn) The method of claim 104, wherein the photosensitizer comprises a benzoporphyrin monoacid ring A (BDP-MA), tin etiopurpurin (SnET2), sulfonated aluminum phthalocyanine (AISPc) or lutetium texaphyrin (Lutex).
- 106. (withdrawn) The method of claim 85, wherein the additional composition comprises a diagnostic radionuclide.
- 107. (withdrawn) The method of claim 106, wherein the diagnostic radionuclide comprises 18F, 52Fe, 62Cu, 64Cu, 67Cu, 67Ga, 68Ga, 86Y, 89Zr, 94Tc, 94mTc 99mTc, 111In, 123I, 124I, 125I, 131I, or mixtures thereof.
- 108. (withdrawn) The method of claim 106, wherein the diagnostic radionuclide emits 25-4000 keV gamma particles and/or positrons.
- 109. (withdrawn, currently amended) The method of claim 102, wherein the diagnostic agent is used for performing positron emission tomography (PET).
- 110. (withdrawn) The method of claim 85, further comprising performing positron-emission tomography (PET).
- 111. (withdrawn) The method of claim 102, wherein the diagnostic agent comprises one or more image enhancing agents and the method further comprises performing magnetic resonance imaging (MRI).
- 112. (withdrawn) The method of claim 111, wherein the image enhancing agent comprises gadolinium ions, lanthanum ions, manganese ions, iron, chromium, copper, cobalt, nickel, fluorine, dysprosium, rhenium, europium, terbium, holmium, neodymium, or mixtures thereof.

- 113. (withdrawn) The method of claim 85, wherein the additional composition comprises one or more radiopaque agents or contrast agents for X-ray or computed tomography (CT).
- 114. (withdrawn) The method of claim 85, wherein said radiopaque or contrast agents include barium, diatrizoate, ethiodized oil, gallium citrate, iocarmic acid, iocetamic acid, iodamide, iodipamide, iodoxamic acid, iogulamide, iohexol, iopamidol, iopanoic acid, ioprocemic acid, iosefamic acid, ioseric acid, iosulamide meglumine, iosemetic acid, iotasul, iotetric acid, iothalamic acid, iotroxic acid, ioxaglic acid, ioxotrizoic acid, ipodate, meglumine, metrizamide, metrizoate, propyliodone, thallous chloride, or combinations thereof.
- 115. (withdrawn) The method of claim 85, wherein the additional composition comprises one or more ultrasound contrast agents.
- 116. (withdrawn) The method of claim 115, wherein said ultrasound contrast agent includes a liposome or dextran.
- 117. (withdrawn) The method of claim 116, wherein the liposome is gas-filled.
- 118. (withdrawn) The method of claim 85, further comprising performing an operative, intravascular, laparoscopic, or endoscopic procedure.
- 119. (withdrawn, currently amended) A method of preparing a <u>composition</u>earrier comprising: mixing one or more amphiphilic lipids with an effector to form a carrier; and contacting the carrier with a chimeric, human or humanized anti-CD74 antibody or antigen-binding fragment thereof;

wherein the anti-CD74 antibody or antigen-binding fragment thereof is an anti-CD74 diabody, a triabody, or a tetrabody or an scFv and wherein the diabody, triabody, tetrabody or scFv binds to the carrier.

- 120. (withdrawn) The method of claim 119, wherein one or more of the lipids comprise a maleimide group.
- 121. (withdrawn) The method of claim 119, further comprising reducing the antibody.

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122. (withdrawn) The method of claim 120, further comprising reacting one or more of the maleimide groups with a free thiol group on the anti-CD74 antibody.

123. (withdrawn) The method of claim 119, wherein the effector comprises one or more drugs, prodrugs, toxins, enzymes, radioisotopes, immunomodulators, cytokines, hormones, antibodies, oligonucleotides, or mixtures thereof.

124. (withdrawn) The method of claim 119, further comprising mixing the carrier with one or more therapeutic or diagnostic agents.

125. (original) A kit comprising the composition of claim 1.